

SECRET

S E C R E T 292323Z APR 69 CITE [] 6209

1969 APR 29

OUT 23

647569

25X1
25X1REF: DIAXX-2 7656 APR 69 - REQUEST FOR EVALUATION
SUBJ: EVALUATION OF U2R TEST MISSION

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THIS MISSION IS BETTER THAN THE IMAGE QUALITY OF RECENT MISSIONS FLOWN IN THE U2R. THE BEST IMAGERY OF THIS MISSION COMPARES FAVORABLY TO THAT OBTAINED FROM UNIT B-10 FLOWN IN THE U2C. HOWEVER, THE OVERALL QUALITY IS NOT CONSIDERED TO BE AS GOOD AS THE IMAGERY ACQUIRED FROM UNIT B-10 IN THE U2C. THE IMAGE QUALITY VARIES SLIGHTLY WITHIN THE FORMAT, WITH THE BETTER IMAGERY BEING LOCATED WITHIN AN ARC OF ABOUT SIX INCHES AROUND THE PRINCIPLE POINT. THE REMAINDER OF THE IMAGERY VARIES IN QUALITY WITH THE BETTER IMAGERY BEING AT THE DATA CHAMBER END OF THE FORMAT. THE OVERALL IMAGE QUALITY IMPROVES FROM THE BEGINNING OF THE MISSION TO THE END. THE IMAGE QUALITY IMPROVES FASTER ON THOSE FRAMES ACQUIRED IN THE 1L AND 1R POSITIONS. APPROXIMATELY ONE-THIRD OF THE WAY INTO THE MISSION, THE IMAGERY OBTAINED IN THE 1R AND 1L POSITIONS IS BETTER THAN THE IMAGERY OBTAINED IN THE VERTICAL POSITION. THIS DIFFERENCE IN QUALITY IS APPARENT THROUGHOUT THE MISSION. CLOUD COVER OBSCURES

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LESS THAN FIVE PERCENT OF THE ENTIRE MISSION. NO MAJOR MALFUNCTIONS AND/OR ANOMALIES OCCURRED DURING THIS MISSION.

2. MISSION DATA

- A. MISSION NUMBER: U2R TEST MISSION WITH NEW BLANKETS
- B. DATE: 22 APRIL 1969
- C. CAMERA/UNIT/VEHICLE: B/10/U2R
- D. MODE: MODE 5 THROUGHOUT
- E. FLIGHT TIMES: T/O 1140Z; C/ON 1323Z
- F. FILM: 3401
- G. EXPOSURE: 1/415
- H. APERTURE: F/11
- I. FILTER: W-12 (MINUS BLUE)
- J. PROCESSED BY: NAV RECON TECH SUPPCEN USING LOW GAMMA

CHEMISTRY.

- K. AVERAGE GAMMAS: LEFT SIDE 1.32; RIGHT SIDE 1.34

S E C R E T

END OF MESSAGE

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